Early pandemic forecast for Argentina M: multi-output M: multi-output M: repeated single-output (deaths + mobility) (deaths) (deaths) 10.0 10.0 10.0 per million of population Prediction Prediction Truth Truth 7.5 7.5 7.5 Death incidence 5.0 5.0 5.0 2.5 2.5 2.5 Prediction Truth 0.0 0.0 0.0 8 10 12 8 10 12 6 4 6 8 10 12 Days since April 22 2020 Days since April 22 2020 Days since April 22 2020 B: LSTM (deaths) B: Bi-LSTM (deaths) B: GRU (deaths + mobility) 10.0 10.0 10.0 per million of population Prediction Prediction Prediction Truth Truth Truth 7.5 7.5 7.5 Death incidence 5.0 5.0 5.0 2.5 2.5 2.5 0.0 0.012 8 8 10 12 10 10 12 Days since April 22 2020 Days since April 22 2020 Days since April 22 2020 B: ARIMA wavelet **B**: Persistence 10.0 10.0 per million of population Prediction Prediction Truth Truth 7.5 7.5 Death incidence 5.0 5.0 2.5 2.5 0.0 0.0

10 12

0

8

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Days since April 22 2020

10 12

Days since April 22 2020